

ABSTRACT OF THE DISCLOSURE

A transmitter is located in a tire of a vehicle and transmits data indicating a tire condition using a carrier
5 wave. The transmitter has an oscillator circuit and a transmission controller. The oscillator circuit generates the carrier wave. The transmission controller compensates a deviation of the amplitude of the carrier wave generated by the oscillator circuit relative to a predetermined reference
10 value such that the amplitude of the carrier becomes equal to the reference value. This is capable of maintaining a constant amplitude of a carrier wave.